



## Human KIF5B blocking peptide (CDBP1688)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Kinesin 1/UKHC antibody
Antigen Description	KIF5B (kinesin family member 5B) is a protein-coding gene. Diseases associated with KIF5B include blackwater fever, and vaccinia. GO annotations related to this gene include microtubule binding and microtubule motor activity. An important paralog of this gene is KIF4A.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">KIF5B kinesin family member 5B [ Homo sapiens (human) ]</a>
Official Symbol	KIF5B
Synonyms	KIF5B; kinesin family member 5B; KNS; KINH; KNS1; UKHC; HEL-S-61; kinesin-1 heavy chain; kinesin heavy chain; kinesin 1 (110-120kD); ubiquitous kinesin heavy chain; conventional kinesin heavy chain; epididymis secretory protein Li 61;
Entrez Gene ID	<a href="#">3799</a>

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<b>mRNA Refseq</b>	<a href="#">NM_004521.2</a>
<b>Protein Refseq</b>	<a href="#">NP_004512.1</a>
<b>UniProt ID</b>	P33176
<b>Chromosome Location</b>	10p11.22
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Insulin Processing, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Kinesins, organism-specific biosystem; MHC class II antigen presentatio
<b>Function</b>	ATP binding; microtubule binding; microtubule motor activity; protein binding;

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